



Attorney Docket No. 01-4033

**PATENT**

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

**Box Patent Application  
Assistant Commissioner for Patents  
Washington, D. C. 20231**

**NEW APPLICATION TRANSMITTAL**

Transmitted herewith for filing is the patent application of:

Inventor(s):      Brig Barnum Elliott  
                         Warner George harrison

**WARNING:** *Patent must be applied for in the name(s) of all of the actual inventor(s). 37 CFR 1.41(a) and 1.53(b).*

For (title):      SYSTEMS AND METHODS FOR BEACONING IN  
                         WIRELESS NETWORKS WITH LOW PROBABILITY OF  
                         DETECTION

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**Certification Under 37 CFR 1.10**

I hereby certify that this New Application Transmittal and the documents referred to as enclosed therein are being deposited with the United States Postal Service on this date 11/19/01 in an envelope as "Express Mail Post Office to Addressee" mailing label Number ET832980456US addressed to the: Assistant Commissioner for Patents, Washington, D.C. 20231.

Mary E. Anza

(typed or printed name of person mailing paper)

Mary E. Anza

(Signature of person mailing paper)

**NOTE:** Each paper or fee referred to as enclosed herein has the number of the "Express Mail" mailing label placed thereon prior to mailing. 37 CFR 1.10(b).

**Warning:** Certificate of mailing (first class) or facsimile transmission procedures of 37CFR1.8 cannot be used to obtain a date of mailing or transmission for this correspondence.

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**PATENT**

Enclosed are:

- [ 21 ] pages of specification & cover sheet
- [ 12 ] pages of claims
- [ 1 ] pages of abstract
- [ 5 ] sheets of formal drawings
- [ 1 ] request & certification under 35 USC 122(b)(2)(B)(i)
- [ 2 ] pages of declaration and power of attorney
- [ ] pages of assignment and assignment recordation form
- [ 2 ] pages of information disclosure statement
- [ 1 ] pages of form 1449
- [ 2 ] references
- [ 1 ] return postcard

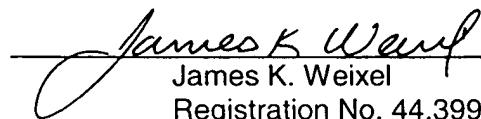
<b>CLAIMS AS FILED</b>				
	NUMBER FILED	NUMBER EXTRA	BASIC FEE	
<b>TOTAL</b>			\$740.00	
<b>CLAIMS</b>	41 - 20	21 x	\$18.00	378.00
<b>INDEPENDENT</b>				
<b>CLAIMS</b>	10 - 3	7 x	\$84.00	588.00
<b>MULTIPLE</b>				
<b>DEPENDENT CLAIMS(S).....ADD</b>			\$280.00	0.00
<b>TOTAL FILING FEE</b>				<b>\$1706.00</b>

**Warning:** Do not use this transmittal for a completion in the U.S. of an International Application under 35 U.S.C. 371(c)(4) unless the International Application is being filed as a divisional, continuation or a continuation-in-part application.

Please charge my Deposit Account No. 07-2339 in the amount of **\$1706.00**.

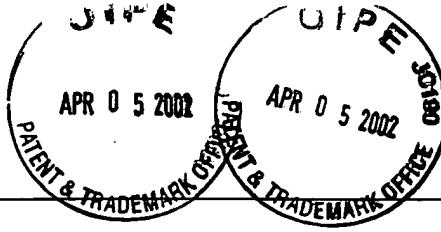
The Commissioner is hereby authorized to charge any additional fees under 37 CFR 1.16 and 1.17 which may be required by the papers submitted herewith or credit any overpayment to Account No. 07-2339.

**This transmittal letter is submitted in duplicate.**



James K. Weixel  
Registration No. 44,399  
Attorney for Applicant(s)

Verizon Services Group  
600 Hidden Ridge, HQE03H01  
Irving, TX 75038  
Phone: (781) 466-2220  
Fax: (781) 466-4021



Attorney Docket No. 01-4033

Receipt # \*3

CERTIFICATE OF MAILING UNDER 37 CFR § 1.8(a)

I hereby certify that this correspondence (along with any paper referred to as being attached or enclosed) is being deposited with the United States Postal Service with sufficient postage as first class mail/priority mail in an envelope addressed to the Assistant Commissioner for Patents, Washington, DC 20231.

Mary E. Anza  
Mary E. Anza

3/26/02  
Date

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re. Application Of : Brig Barnum Elliott et al.  
Serial No. : 10/022,083  
Filed : 11/19/01  
Title : SYSTEMS AND METHODS FOR BEACONING IN WIRELESS  
NETWORKS WITH LOW PROBABILITY OF DETECTION

SUBMISSION OF MISSING PARTS OF APPLICATION

BOX MISSING PARTS  
ASSISTANT COMMISSIONER  
FOR PATENTS  
WASHINGTON, DC 20231

Dear Sir:

The following papers are submitted in response to Form PTO-1533, mailed 1/28/02, Notice to File Missing Parts of Application - Filing Date Granted. Acceptance and entry of these papers is respectfully requested. The Assistant Commissioner for Patents is authorized to charge my Deposit Account 07-2339 in the amount of \$130.00. The Assistant Commissioner for Patents is also authorized to charge any additional fees or credit any overpayment resulting from the papers submitted herewith to Deposit Account 07-2339. **This letter is submitted in duplicate.**

1. Declaration and Power of Attorney signed by Brig Barnum Elliott and Warner George Harrison as required in the above-entitled application by the Formalities Letter.

Filing of these papers is respectfully requested.

Respectfully submitted,



James K. Weixel  
Attorney for Applicants  
Reg. No. 44.399

Verizon Services Group  
HQE03H01  
600 Hidden Ridge  
Irving, TX 75038  
Telephone No. 781-466-2220  
Facsimile: 781-466-4021  
Enclosure



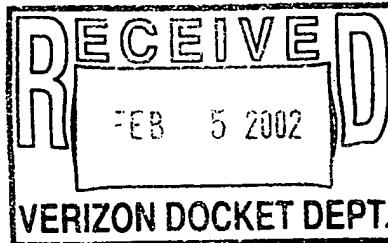
UNITED STATES PATENT AND TRADEMARK OFFICE



COMMISSIONER FOR PATENTS  
UNITED STATES PATENT AND TRADEMARK OFFICE  
WASHINGTON, D.C. 20231  
www.uspto.gov

APPLICATION NUMBER	FILING DATE	GRP ART UNIT	FIL FEE REC'D	ATTY.DOCKET.NO	DRAWINGS	TOT CLAIMS	IND CLAIMS
10/022,083	12/19/2001	2661	1706	01-4033	5	41	10

Verizon Services Group  
600 Hidden Ridge  
HQE03H01  
Irving, TX 75038



CONFIRMATION NO. 2889

FILING RECEIPT



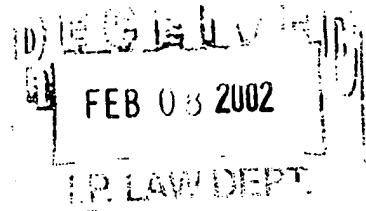
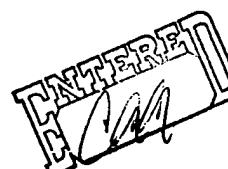
\*OC00000007374351\*

Date Mailed: 01/28/2002

Receipt is acknowledged of this nonprovisional Patent Application. It will be considered in its order and you will be notified as to the results of the examination. Be sure to provide the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION when inquiring about this application. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. If an error is noted on this Filing Receipt, please write to the Office of Initial Patent Examination's Customer Service Center. Please provide a copy of this Filing Receipt with the changes noted thereon. If you received a "Notice to File Missing Parts" for this application, please submit any corrections to this Filing Receipt with your reply to the Notice. When the USPTO processes the reply to the Notice, the USPTO will generate another Filing Receipt incorporating the requested corrections (if appropriate).

**Applicant(s)**

Brig Barnum Elliott, Arlington, MA;  
Warner George Harrison, Medway, MA;

**Domestic Priority data as claimed by applicant****Foreign Applications****If Required, Foreign Filing License Granted 01/26/2002****Projected Publication Date: Request for Non-Publication Acknowledged****Non-Publication Request: Yes****Early Publication Request: No****Title**

Systems and methods for beaconing in wireless networks with low probability of detection

**Preliminary Class**

370

**LICENSE FOR FOREIGN FILING UNDER  
Title 35, United States Code, Section 184  
Title 37, Code of Federal Regulations, 5.11 & 5.15**

**GRANTED**

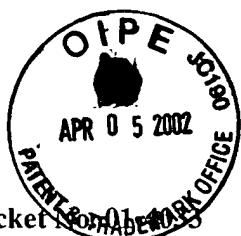
The applicant has been granted a license under 35 U.S.C. 184, if the phrase "IF REQUIRED, FOREIGN FILING LICENSE GRANTED" followed by a date appears on this form. Such licenses are issued in all applications where the conditions for issuance of a license have been met, regardless of whether or not a license may be required as set forth in 37 CFR 5.15. The scope and limitations of this license are set forth in 37 CFR 5.15(a) unless an earlier license has been issued under 37 CFR 5.15(b). The license is subject to revocation upon written notification. The date indicated is the effective date of the license, unless an earlier license of similar scope has been granted under 37 CFR 5.13 or 5.14.

This license is to be retained by the licensee and may be used at any time on or after the effective date thereof unless it is revoked. This license is automatically transferred to any related applications(s) filed under 37 CFR 1.53(d). This license is not retroactive.

The grant of a license does not in any way lessen the responsibility of a licensee for the security of the subject matter as imposed by any Government contract or the provisions of existing laws relating to espionage and the national security or the export of technical data. Licensees should apprise themselves of current regulations especially with respect to certain countries, of other agencies, particularly the Office of Defense Trade Controls, Department of State (with respect to Arms, Munitions and Implements of War (22 CFR 121-128)); the Office of Export Administration, Department of Commerce (15 CFR 370.10 (j)); the Office of Foreign Assets Control, Department of Treasury (31 CFR Parts 500+) and the Department of Energy.

**NOT GRANTED**

No license under 35 U.S.C. 184 has been granted at this time, if the phrase "IF REQUIRED, FOREIGN FILING LICENSE GRANTED" DOES NOT appear on this form. Applicant may still petition for a license under 37 CFR 5.12, if a license is desired before the expiration of 6 months from the filing date of the application. If 6 months has lapsed from the filing date of this application and the licensee has not received any indication of a secrecy order under 35 U.S.C. 181, the licensee may foreign file the application pursuant to 37 CFR 5.15(b).



Practitioner's Docket

**PATENT**

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re application of: Elliott, Brig Barnum ; Harrison, Warner George  
Application No.: 10/022,083 Group No.: 2661  
Filed: 11/19/2001 Examiner: Unassigned  
For: SYSTEMS AND METHODS FOR BEACONING IN WIRELESS NETWORKS WITH LOW  
PROBABILITY OF DETECTION

**Assistant Commissioner for Patents**  
Washington, D.C. 20231

**REQUEST FOR CORRECTED FILING RECEIPT**

1. Attached is a copy of the official filing receipt received from the PTO in the above application for which issuance of a corrected filing receipt is respectfully requested.
2. Also attached is a copy of the Express Mail Receipt postmarked 11/19/01 and the application transmittal with its Certificate of Mailing by Express mail.
3. There is an error with respect to the following, which is incorrectly entered.

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**CERTIFICATE OF MAILING/TRANSMISSION (37 C.F.R. section 1.8a)**

I hereby certify that this correspondence is, on the date shown below, being:

**MAILING**

■ deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to the Assistant Commissioner for Patents, Washington, D.C. 20231.

**FACSIMILE**

transmitted by facsimile to the Patent and Trademark Office.

Signature

*Mary Anza*

Date: 3/26/02

**Mary Anza**  
(type or print name of person certifying)

*Error in*

*Correct data*

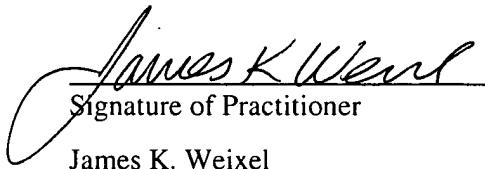
1. Filing Date

1. 11/19/2001

3. The correction is not due to any error by applicant and no fee is due.

Date: 3/26/2002

Reg. No.: 44,399  
Tel. No.: 781-466-2220

  
Signature of Practitioner

James K. Weixel  
Verizon Services Group  
600 Hidden Ridge, HQE03H01  
Irving, TX 75038



UNITED STATES PATENT AND TRADEMARK OFFICE

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APPLICATION NUMBER	FILING/RECEIPT DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NUMBER
10/022,083	12/19/2001	Brig Barnum Elliott	01-4033

Verizon Services Group  
600 Hidden Ridge  
HQE03H01  
Irving, TX 75038



CONFIRMATION NO. 2889

FORMALITIES LETTER



\*OC000000007374352\*

Date Mailed: 01/28/2002

NOTICE TO FILE MISSING PARTS OF NONPROVISIONAL APPLICATION

FILED UNDER 37 CFR 1.53(b)

*Filing Date Granted*

An application number and filing date have been accorded to this application. The item(s) indicated below, however, are missing. Applicant is given **TWO MONTHS** from the date of this Notice within which to file all required items and pay any fees required below to avoid abandonment. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a).

- The oath or declaration is unsigned.
- To avoid abandonment, a late filing fee or oath or declaration surcharge as set forth in 37 CFR 1.16(l) of \$130 for a non-small entity, must be submitted with the missing items identified in this letter.
- **The balance due by applicant is \$ 130.**

*A copy of this notice **MUST** be returned with the reply.*

Hanna Lamessa

Customer Service Center

Initial Patent Examination Division (703) 308-1202

PART 2 - COPY TO BE RETURNED WITH RESPONSE

04/09/2002 AOSMANI 00000054 072339 10022093

01 FC:105 130.00 CH

Adjustment date: 04/10/2002 AOSMANI

04/09/2002 AOSMANI 00000054 072339 10022093

01 FC:105 130.00 CR

04/10/2002 AOSMANI 00000013 072339 10022083

01 FC:105 130.00 CH